

CLAIMS

[1] An engine-driven generator formed by supporting on a frame (2) an engine (3) and a generator (4) driven by the engine (3),

characterized in that the frame is formed by integrally connecting via a cross member (7) lower side sections of a pair of left and right side frames (2b, 2b) formed by bending a steel pipe into a U-shape, a control box (34) is detachably mounted on open end parts of the two side frames (2b, 2b) in order to reinforce the frame (2) by connecting the open end parts to each other, an assembly of the engine (3) and generator (4) is resiliently supported on the cross member (7), and an electrical component (53, 55) for controlling the engine (3) and the generator (4) is housed in and supported by the control box (34).

[2] The engine-driven generator according to Claim 1,

wherein an access window (52) is opened in a front face of the control box (34), an operation panel (53a) of the electrical component (53) facing the access window (52).

[3] The engine-driven generator according to Claim 1,

wherein a fuel tank (5) is detachably mounted on upper side sections of the side frames (2b, 2b), the fuel tank (5) covering the engine (3) and the generator (4).

[4] The engine-driven generator according to Claim 1,

wherein an intake opening (38a, 38b) and a connection opening (39) are provided in the control box (34) so that outside air flows within the control box (34) as cooling air, a duct member (31) is fixedly provided on the outer periphery of the engine (3) and the generator (4), the duct member (31) defining a series of cooling air passages (32) between itself and the engine (3) and the generator (4), a cooling fan (26) is disposed in the cooling passage (32), the cooling fan (26) being driven by the engine so as to generate a flow of cooling air in the cooling air passage (32), and the upstream end of the duct member (31) and the connection opening (39) of the control box (34) are connected so as to be linked to each other via a seal (41) that allows relative displacement therebetween.